
**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/622,160
Filing Date	July 16, 2003
First Named Inventor	Spindler, Stephen R.
Art Unit	
Examiner Name	
Total Number of Pages in This Submission	5+refs
Attorney Docket Number	023070-144900US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Return Postcard
<input checked="" type="checkbox"/> Information Disclosure Statement w/PTO/SB/08A&B and refs. A3-A17	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	Jean M. Lockyer, Ph.D.		
Date	December 5, 2005	Reg. No.	44,879

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature		
Typed or printed name	Malinda C. Dagit	Date
		5 Dec. 2005

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On 5 Dec. 2005

PATENT
Attorney Docket No.: 02307O-144900US
Client Reference No.: 2004-052

TOWNSEND and TOWNSEND and CREW LLP

Malinda Adafit



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Stephen R. Spindler and
Joseph M. Dhahbi

Application No.: 10/622,160

Filed: July 16, 2003

For: METHODS OF EVALUATING
THE DYNAMICS OF CALORIC
RESTRICTION AND IDENTIFYING
CALORIC RESTRICTION MIMETICS

Examiner:

Art Unit:

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references [in compliance with the requirements of 1287 OG 163] are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

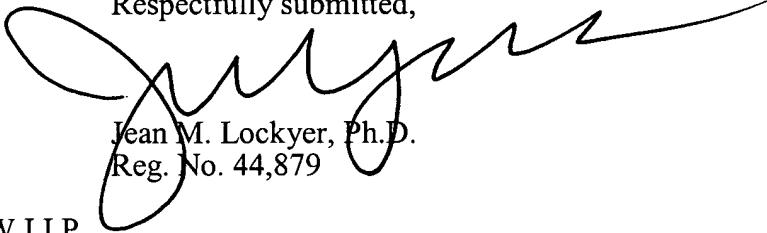
As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,


Jean M. Lockyer, Ph.D.
Reg. No. 44,879

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: 415-576-0200
Fax: 415-576-0300
JML:mcd
60650262 v1



Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/622,160
				Filing Date	July 16, 2003
				First Named Inventor	Spindler, Stephen R.
				Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	02307O-144900US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	US-6,406,853	06/18/2002	Spindler, Stephen R.	
	A2	US-6,558,955	05/06/2003	Bruce S. Kristal	
		US-			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	A3	PCT	WO 01/45752	A1	06/28/2001	Regents of Univ. of California		<input type="checkbox"/>
	A4	PCT	WO 02/071874	A1	09/19/2002	Societe des Produits Nestle S.A.		<input type="checkbox"/>
								<input type="checkbox"/>

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² Applicant's unique citation designation number (optional). ³ Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

60650262 v1

Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/622,160
(use as many sheets as necessary)				Filing Date	July 16, 2003
				First Named Inventor	Spindler, Stephen R.
				Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	023070-144900US

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	A5	Affymetrix, Inc., "New statistical algorithms for monitoring gene expression on GeneChip probe arrays," <u>Technical Notes 1.; Part No. 701097 Rev. 1 (2001)</u>			
	A6	Cao, S.X. <i>et al.</i> , "Genomic profiling of short- and long-term caloric restriction effects in the liver of aging mice," <u>PNAS, (2001) 98(53): 10630-10635</u>			
	A7	Dhahbi, J.M. <i>et al.</i> , "Caloric intake alters the efficiency of catalase mRNA translation in the liver of old female mice," <u>J. Gerontology (1998) 53: B180-185</u>			
	A8	Dilman, V.M. and V.N. Anisimov, "Effect of treatment with Phenformin, Diphenylhydantoin or L-Dopa on life span and tumour incidence in C3H/Sn mice," <u>Gerontology (1980) 26: 241-246</u>			
	A9	Lee, C. <i>et al.</i> , "Gene expression profile of aging and its retardation by caloric restriction," <u>Science (1999) 285: 1390-1393</u>			
	A10	Mirkovic, S. <i>et al.</i> , "Attenuation of cardiac fibrosis by pirfenidone and amiloride in DOCA-sat hypertensive rats" <u>Br. J of Pharm., (2002) 135: 961-969</u>			
	A11	Roth, G.S., <i>et al.</i> , "Biomarkers of caloric restriction may predict longevity in humans," <u>Science (2002) 297: 811</u>			
	A12	Roth, G.S., <i>et al.</i> , "Slowing aging by caloric restriction," <u>Nature Medicine (1995) 1(5): 414-415</u>			
	A13	Teillet, L. <i>et al.</i> , "Food restriction prevents advanced glycation end product accumulation and retards kidney aging in lean rats," <u>J. Am Soc. Nephrol. (2000) 11: 1488-1497</u>			
	A14	Walford, R.L. <i>et al.</i> , "Calorie restriction in biosphere @: Alterations in physiologic, hematologic, hormonal, and biochemical parameters in humans restricted for 2-year period," <u>J. Gerontology (2002) 57A(6): B211-B224</u>			
	A15	Weindruch, R. <i>et al.</i> , "Caloric restriction mimetics: Metabolic interventions," <u>J. Gerontology (2001) 56A: 20-33</u>			
	A16	Weyer, C. <i>et al.</i> , "Energy metabolism after 2y of energy restriction: the biosphere 2 experiment," <u>Am. J. Clinic. Nutr. (2000) 72: 946-953</u>			
	A17	Wilcoxon, F., "Individual comparisons by ranking methods," <u>Biometrics (1945) 1: 80-83</u>			

Examiner Signature	Date Considered
--------------------	-----------------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.